

FORM PTO-1449
(REV.7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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09/151,409

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
James B. DaleFILING DATE
September 10, 1998GROUP ART UNIT
1645

U.S. PATENT DOCUMENTS

EXAMINER'S PATENT & TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
			YES	NO
AB				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

57	AC	Dale et al., "Hyaluronate Capsule and Surface M Protein in Resistance to Opsonization of Group A Streptococci," <i>Infection And Immunity</i> 64(5):1495-1501, 1996.
57	AD	Dale et al., "New protective antigen of group A streptococci," <i>J. Clin. Invest.</i> 103(9):1261-1268, 1999.
57	AE	Dale et al., "Type-Specific Immunogenicity Of A Chemically Synthesized Peptide Fragment Of Type 5 Streptococcal M Protein," <i>The Journal Of Experimental Medicine</i> 158:1727-1732, 1983.
57	AF	Dixit et al., "Covalent Structure of Collagen: Amino Acid Sequence of α 1-CB6A of Chick Skin Collagen," <i>Biochemistry</i> 14(9):1933-1938, 1975.
57	AG	Edman and Begg, "A Protein Sequenator," <i>European J. Biochem.</i> 1:80-91, 1967.
57	AH	Fischetti et al., "Surface Proteins form Gram-Positive Cocci Share Unique Structural Features," in Orefici (ed.), <i>New Perspectives on Streptococci and Streptococcal Infections. Proceedings of the XI Lancefield International Symposium on Streptococci and Streptococcal Diseases</i> , Siena, Italy, September 10-14, 1990, Gustav Fischer verlag, Stuttgart, Jena, New York, 1992, pp. 165-167.
57	AI	Fischetti, "Streptococcal M Protein," <i>Scientific American</i> :pp. 58-65, 1991.
57	AJ	Freimer and McCarty, "Rheumatic Fever," <i>Scientific American</i> 213(6):67-74, 1965.
57	AK	Gibbons et al., "Studies of Individual Amino Acid Residues of the Decapeptide Tyrocidine A by Proton Double-Resonance Difference Spectroscopy in the Correlation Mode," <i>Biochemistry</i> 14(2):420-437, 1975.
57	AL	Goldsberg et al., "Serological Demonstration of H-Y (Male) Antigen on Mouse Sperm," <i>Nature</i> 232:478-480, 1971.

EXAMINER

DATE CONSIDERED

57

July 01

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).